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1 [An XMT API for generation of the MPEG-4 scene description](#)

[YeSun Joung, Kyuheon Kim](#)
 December 2002 MULTIMEDIA '02: Proceedings of the tenth ACM international conference on Multimedia
 Publisher: ACM
Full text available: [pdf\(135.30 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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Interactive broadcasting is now considered as a next generation broadcasting service, which covers territorial, mobile and wireless terminals. In interactive broadcasting, viewers not only watch the broadcasting programs but also pass their requirements ...

Keywords: DOM, MPEG-4, XML, XMT

2 [Interleaving media data for MPEG-4 presentations](#)

[Jeff Boston, Michelle Kim, William Luken, Edward So, Steve Wood](#)
 November 2003 MULTIMEDIA '03: Proceedings of the eleventh ACM international conference on Multimedia
 Publisher: ACM
Full text available: [pdf\(147.55 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 21, Citation Count: 0

A composite multimedia presentation may be represented by a sequence of virtual media data packets. An algorithm is presented for ordering these virtual media data packets so as to minimize the initial delay required to transfer the composite stream ...

Keywords: MPEG-4, composite multimedia, multimedia, streaming media

3 [Automatic generation of MPEG-7 compliant XML document for motion trajectory descriptor in sports video](#)

[Yi Haoran, Deepu Rajan, Chia Liang-Tien](#)
 November 2003 MMDB '03: Proceedings of the 1st ACM international workshop on Multimedia databases
 Publisher: ACM
Full text available: [pdf\(390.81 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 53, Citation Count: 0

The MPEG-7 standard is a step towards standardizing the description of multimedia content so that

quick and efficient identification of relevant content can be facilitated, together with efficient management of information. The description definition ...

Keywords: Kalman filter, MPEG-7, XML, motion blobs, motion descriptors, motion trajectory

4 [Video retrieval using an MPEG-7 based inference network](#)

 Andrew Graves, Mounia Lalmas
August 2002 SIGIR '02: Proceedings of the 25th annual international ACM SIGIR conference on Research and development in information retrieval
Publisher: ACM

Full text available:  pdf(220.71 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 71, Citation Count: 5

This work proposes a model for video retrieval based upon the inference network model. The document network is constructed using video metadata encoded using MPEG-7 and captures information pertaining to the structural aspects (video breakdown into shots ...

Keywords: MPEG-7, combination of evidence, inference network, structured video retrieval

5 [Architecture of a quality based intelligent proxy \(QBIX\) for MPEG-4 videos](#)

 Peter Schojer, Laszlo Böszörményi, Hermann Hellwagner, Bernhard Penz, Stefan Podlipnig
May 2003 WWW '03: Proceedings of the 12th international conference on World Wide Web
Publisher: ACM

Full text available:  pdf(296.15 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 64, Citation Count: 4

Due to the increasing availability and use of digital video data on the Web, video caching will be an important performance factor in the future WWW. We propose an architecture of a video proxy cache that integrates modern multimedia and communication ...

Keywords: LRU, MPEG-4, MPEG-7, RTP, RTSP, media adaptation, media gateway, replacement, video caching, video proxy

6 [MPEG-4: an object-based multimedia coding standard supporting mobile applications](#)

Atul Puri, Alexandros Eleftheriadis
June 1998 Mobile Networks and Applications, Volume 3 Issue 1
Publisher: Kluwer Academic Publishers


Full text available:  pdf(747.80 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 223, Citation Count: 7

The ISO MPEG committee, after successful completion of the MPEG-1 and the MPEG-2 standards is currently working on MPEG-4, the third MPEG standard. Originally, MPEG-4 was conceived to be a standard for coding of limited complexity audio-visual scenes ...

7 [A 2-D MPEG-4 multimedia authoring tool](#)

 D. W. Viljoen, A. P. Calitz, N. L. O. Cowley
February 2003 AFRI GRAPH '03: Proceedings of the 2nd international conference on Computer graphics, virtual Reality, visualisation and interaction in Africa
Publisher: ACM